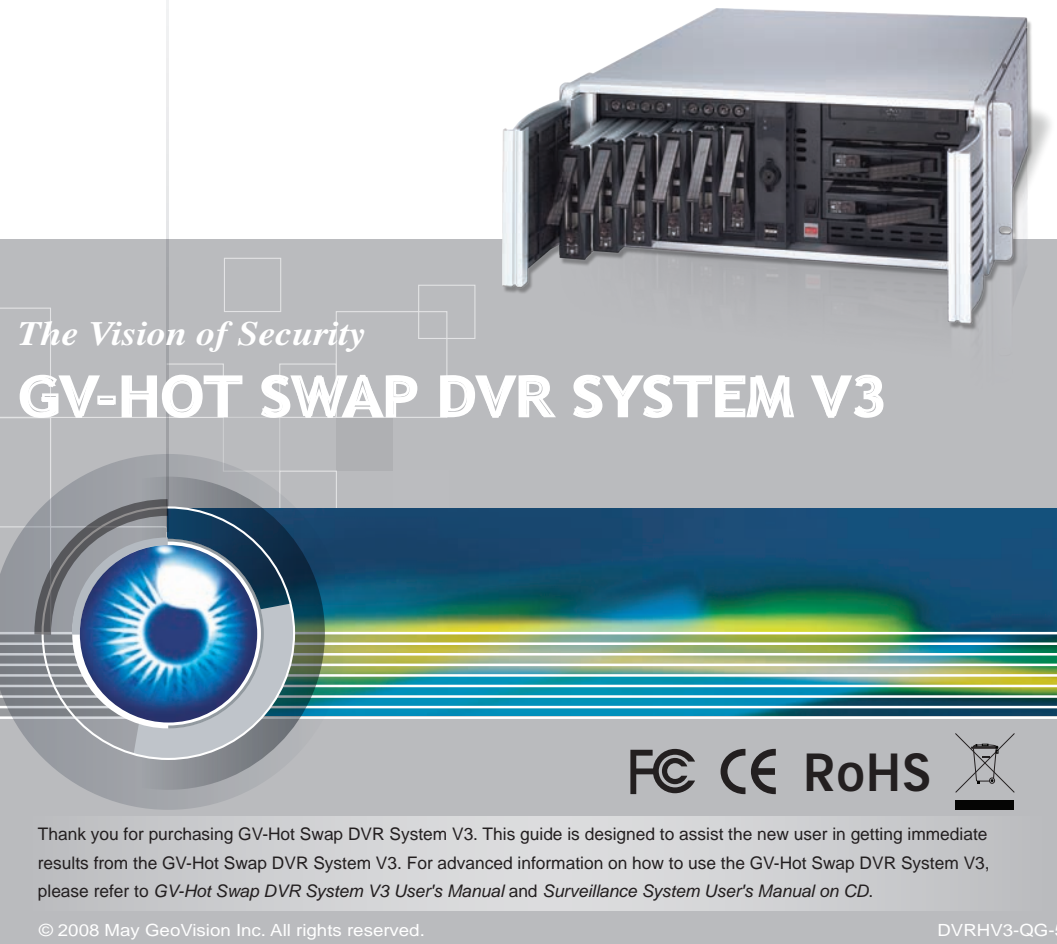
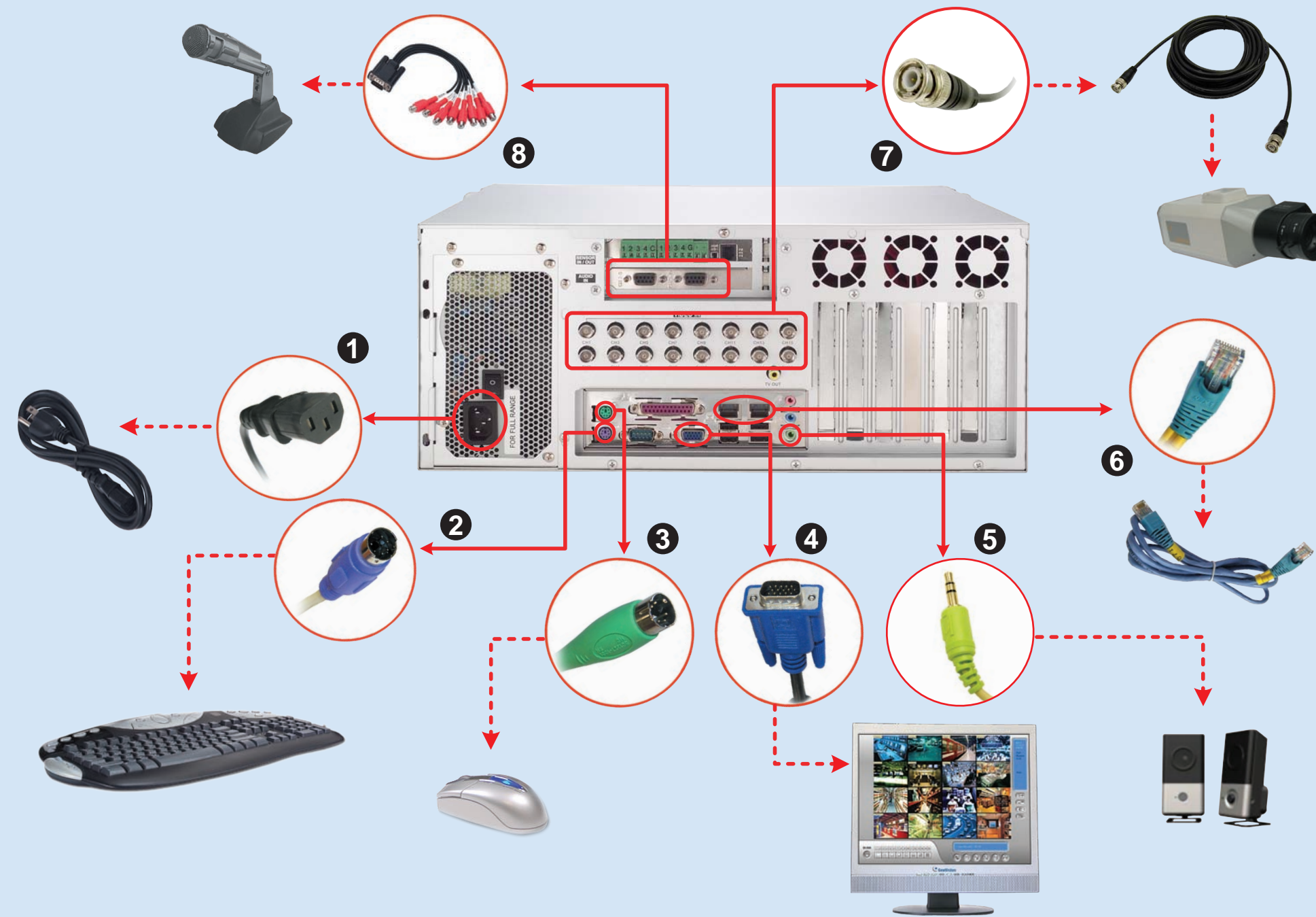


Quick Start Guide



1 Basic Installation



1. Using the supplied power cord, connect one end to the AC input and the other end to the power outlet.
2. Connect the keyboard to the PS/2 input.
3. Connect the mouse to the PS/2 input.
4. Using the VGA cable supplied by the monitor manufacturer, connect the VGA monitor.
5. For video lost beep, connect speakers to the Audio Line Out port.
6. Using the RJ-45 cable, connect one end to the Ethernet port and the other end to Network.
7. Using the BNC video cables, connect one end to the BNC connectors and the other end to video sources.
8. Using the supplied D-type audio cables, connect one end to audio ports and the other end to audio sources.

Check the Accessories Supplied

- D-Type Audio Cable x 2 (1 x 1-8 Channels Red Cable, 1 x 9-16 Channels Red Cable) *Not available for GV-NVRH V3



- GV-Keyboard Package x 1
- IR Remote Control Package x 1



- AC Power Cord x 1
- RJ-11 to DB9 Cable x 1 *Not available for GV-NVRH V3



- Lock Key x 2



- Self-Stick Rubber Pad x 4
- Recovery DVD x 1
- Nero Express CD x 1
- Surveillance System Software CD x 1
- GV-Hot Swap DVR System V3 User's Manual x 1
- GV-Hot Swap DVR System V3 Quick Start Guide x 1
- Surveillance System New Feature Guide x 1
- Surveillance System Installation Guide x 1

Important: Please keep the original carton and all packing materials for future shipping need.

Connecting GV-Keyboard

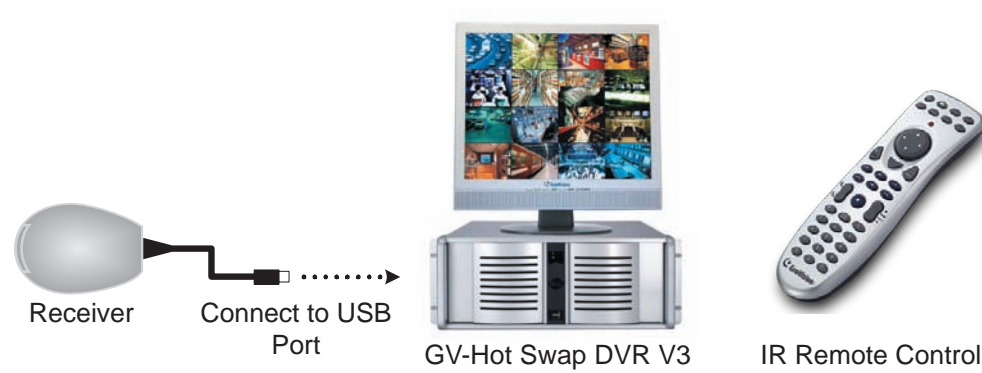
Using the USB cable supplied with the GV-Keyboard, plug one end into the GV-Keyboard and the other end into the assigned USB port (**COM6**) on the back of the GV-Hot Swap DVR V3.



Note: If you like to plug the Keyboard into other USB ports of the GV-Hot Swap DVR V3, refer to 3.9.1 GV-Keyboard in GV-Hot Swap DVR System V3 User's Manual.

Connecting IR Remote Control

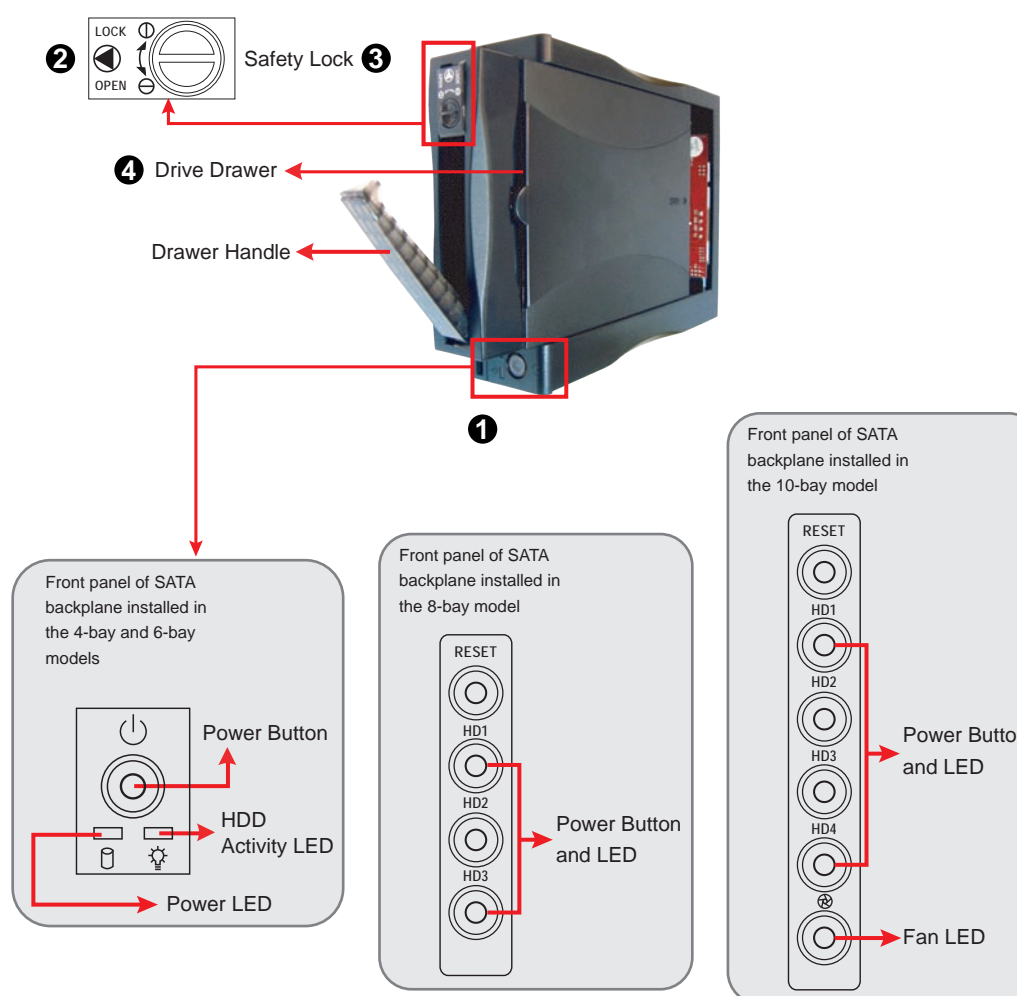
Plug the Receiver into any USB ports on the GV-Hot Swap DVR V3.



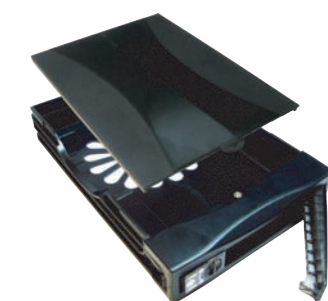
2 Install the Hard Drive

The GV-Hot Swap DVR V3 uses SATA hard drives for video and audio data storage. To install a hard drive into the drive bay:

1. Turn off the power of the drive bay. Make sure the Power LED is off.
2. Turn the safety lock to the OPEN position.
3. Press the safety lock. The drawer handle pops up.
4. Pull out the drive drawer.



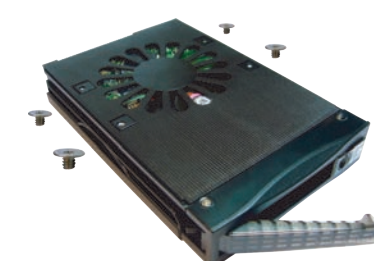
5. Remove the lid of the drawer.



6. Insert the hard drive in the drawer, and slide the lid back on.



7. Turn over the drawer, and secure the hard drive with the supplied 4 screws.



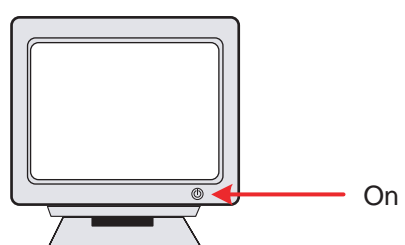
8. Put the drawer back in the drive bay of the GV-Hot Swap DVR V3.
9. Push the drawer handle back, and turn the safety lock to the LOCK position.
10. Press the Power button. When the Power LED indicates green, the hard drive is ready for use.

Note:

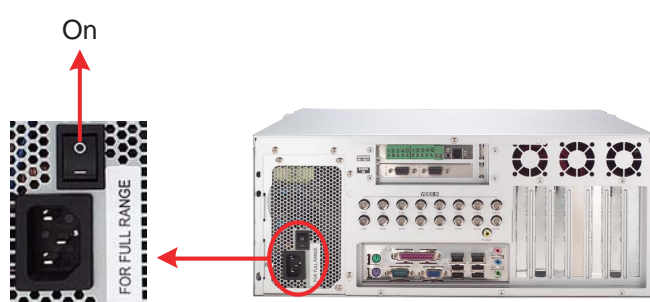
- Ensure to format hard drives before they can be usable. See 3.4 Formatting the Hard Drive in GV-Hot Swap DVR System V3 User's Manual.
- To assign hot-swap drives as storage locations, see Adding the Hard Drive to Recording Path later in this guide.

3 Turn on the Power

1. Turn on the monitor.



2. Turn on the AC power switch on the rear panel.



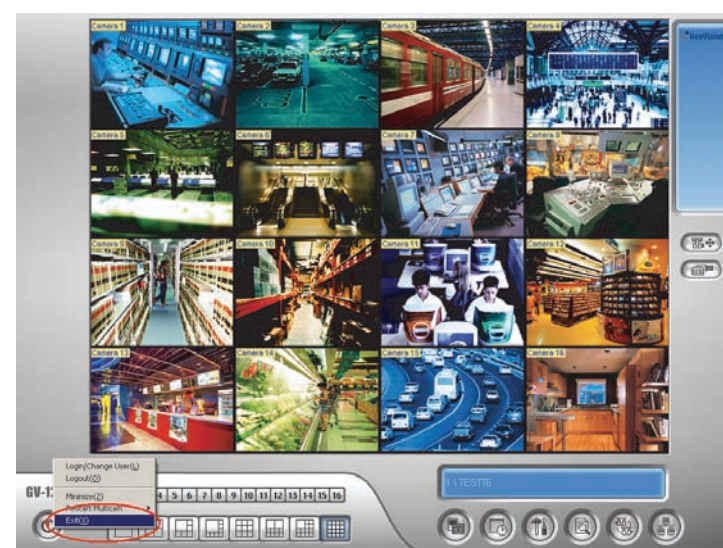
3. Turn on the main power switch on the front panel.



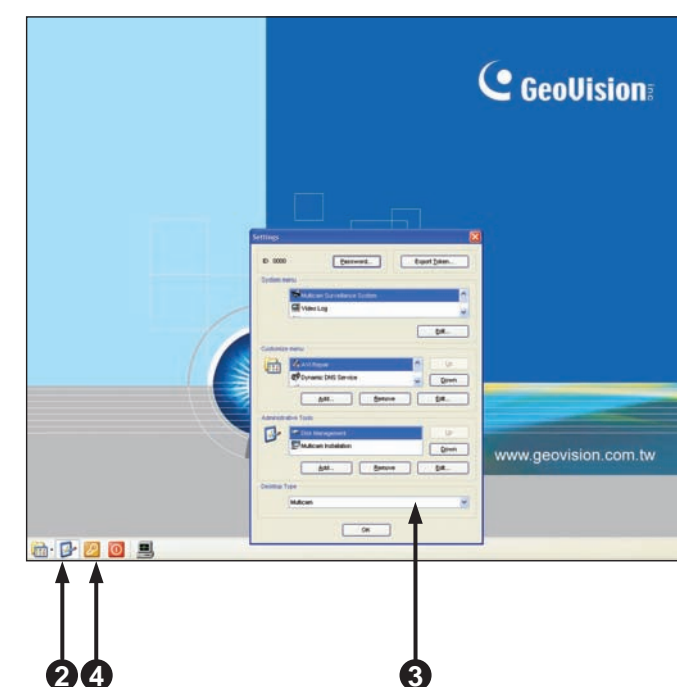
Configuring an IP Address

The GV-Hot Swap DVR V3 uses Windows operating system to configure an IP address. For this, you must exit to Windows:

1. Exit the main screen to display the GV-Desktop screen.



2. Click the **Settings** button, and enter the valid ID and Password to display the Settings dialog box.
3. Under Desktop Type, select **Windows** from the drop-down list, and click **OK**.
4. Click the **Log Off** button, and enter the valid ID and Password to display the Windows desktop.
5. Configure a static IP address on Windows XP platform. Check your network administrator if you have questions about the configuration.

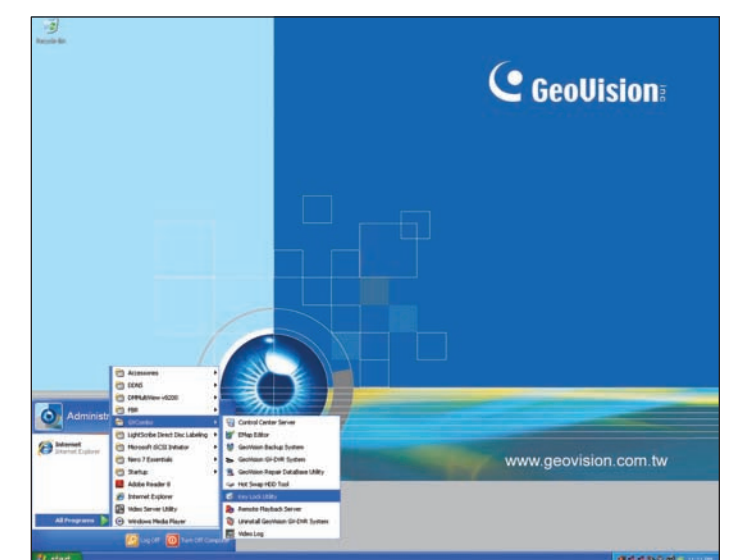


Note: The default ID and Password are "0000".

Back to GV-Desktop

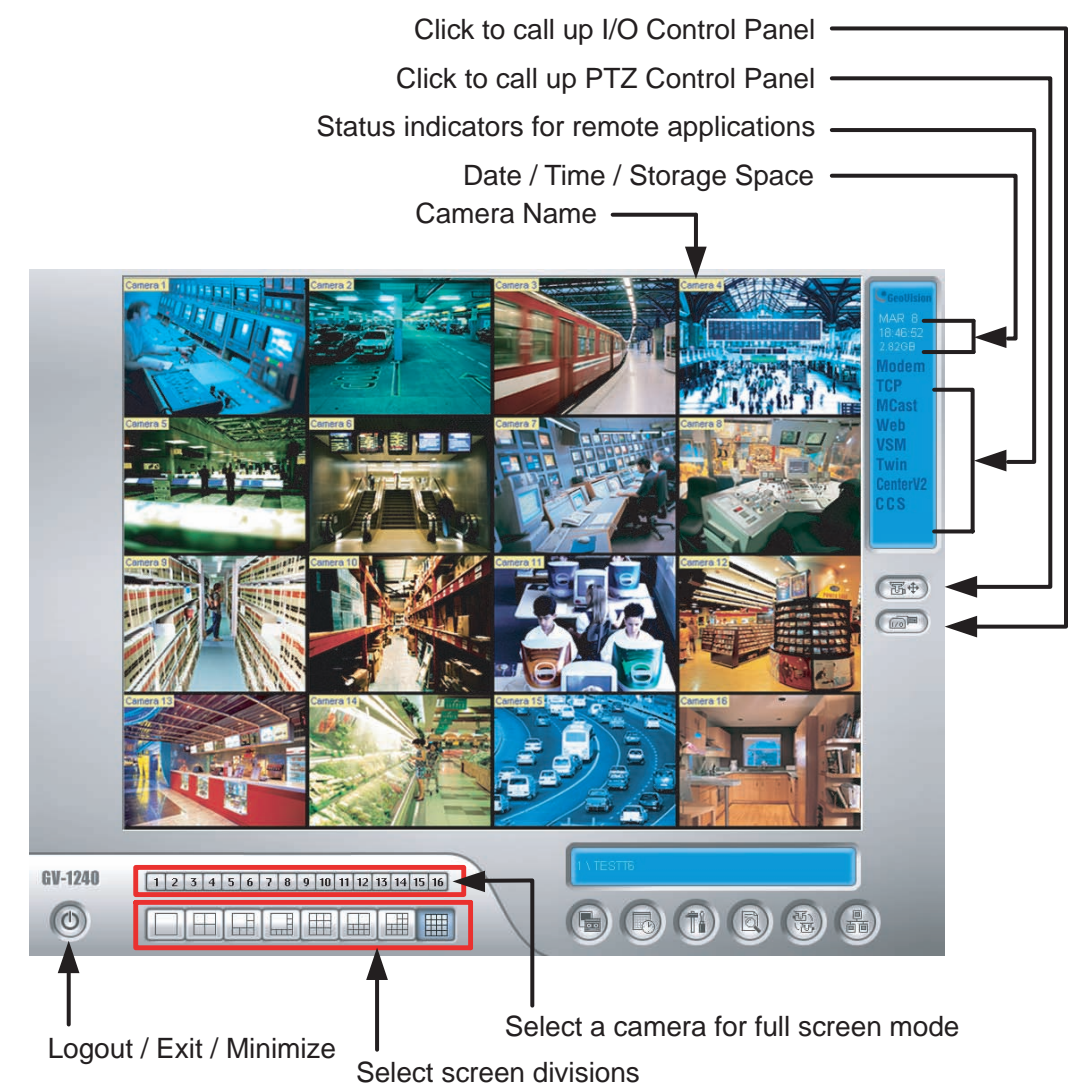
Back to GV-Desktop after configuring the IP address:

Click the Windows **Start** button, point to **Programs**, click **GVCombo**, and click **Key Lock Utility**.



For details, refer to 3.8 Configuring an IP Address in GV-Hot Swap DVR System V3 User's Manual.

4 Main Screen

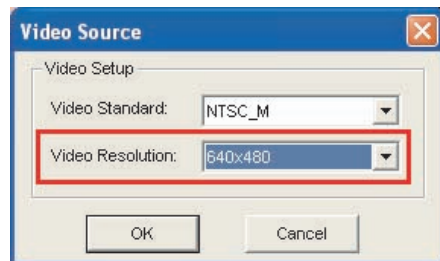


- Start/stop recording
- Set up recording schedules
- Access system settings
- Access ViewLog to play back video
- Start/stop screen rotation
- Access remote applications

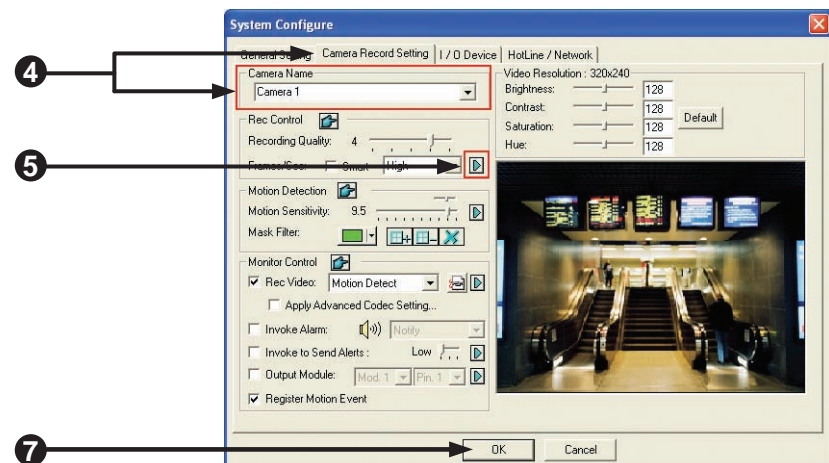
Changing Recording Resolution

The default recording resolution is 320 x 240. You can set each camera's recording resolution individually.

- Click on the main screen, point to **A/V Setting**, and select **Video Source**.
- Select the desired video resolution from the drop-down list, and click **OK**.



- Click on the main screen, point to **General Setting**, and select **System Configure**.
- Click the **Camera Record Setting** tab, and use the Camera Name drop-down list to select one camera.
- Click the arrow button next to Recording Quality to select the desired resolution.
- Repeat steps 4 and 5 to set up each camera.
- Click **OK**.

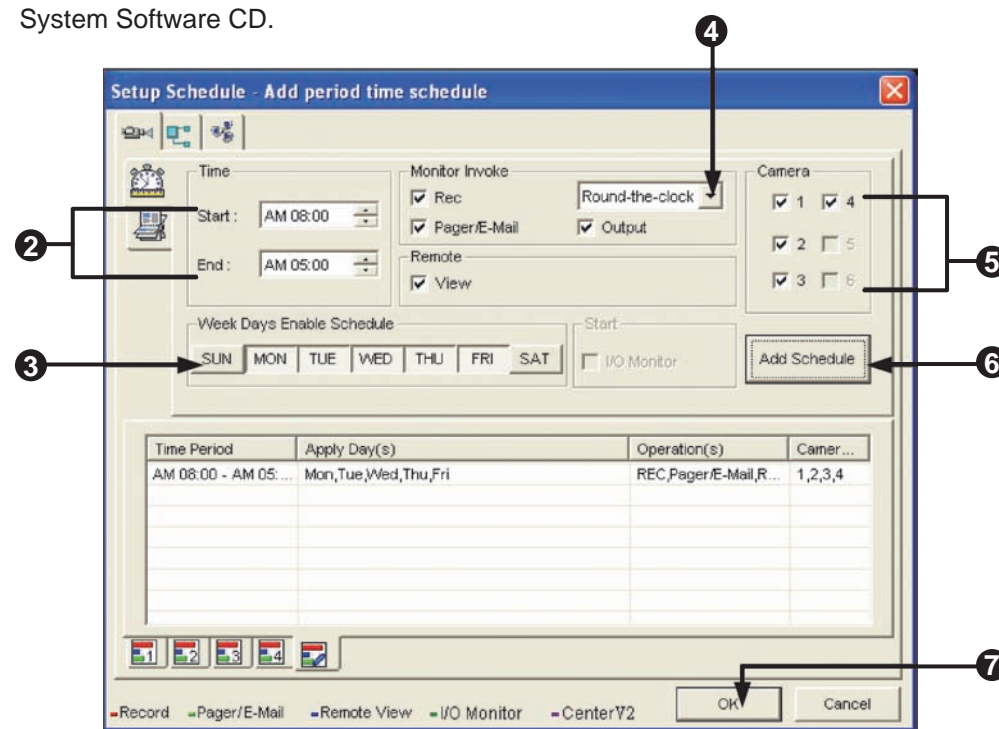


5 Set Up a Recording Schedule

You can program recording to turn on and off at a specific time each day.

- Click on the main screen, and select **Schedule Edit**.
- Select or enter the Start and End time of the schedule.
- Select day(s).
- Select **Rec**, and use the drop-down list to select **Round-the-Clock** or **Motion Detect** for recording mode.
- Select camera(s).
- Click **Add Schedule**.
- Click **OK**.

For details, refer to *Recording Schedule*, Chapter 1, *User's Manual* on Surveillance System Software CD.

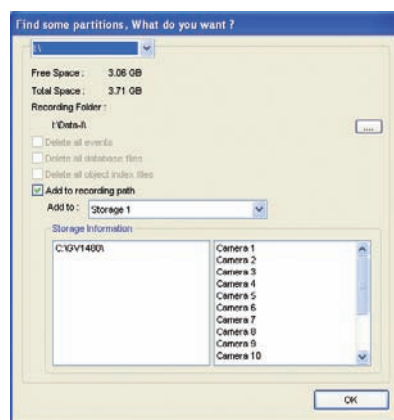


Adding Hot Swap Drive to Recording Path

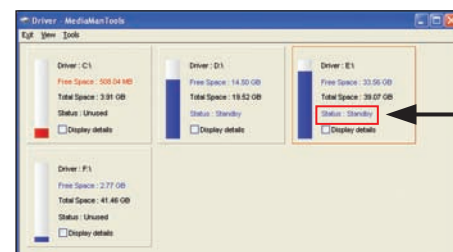
Before recording, you need to add the formatted hard drive to the recording path.

Note: The default recording path for the hot-swap drives starts from F:\.

- On the GV-Desktop, click the **Programs** button, and select **Hot Swap HDD Tool**.
- If a hard drive is already inserted, right-click it in the MediaMan Tools window, select **Add for recording**, and then select the storage group from the drop-down list.
- If a hard drive is not inserted, follow these steps:
 - Insert a hot-swap hard drive or plug a portable hard drive to the GV-Hot Swap DVR V3. This dialog box appears.



- Select **Add to recording path**, and select the storage group from the drop-down list.
- Click **OK** to automatically configure the hard drive to the recording path.
- In the MedianMan Tools window, if the hard drive is successfully added to store data, its Status field should display "Standby".



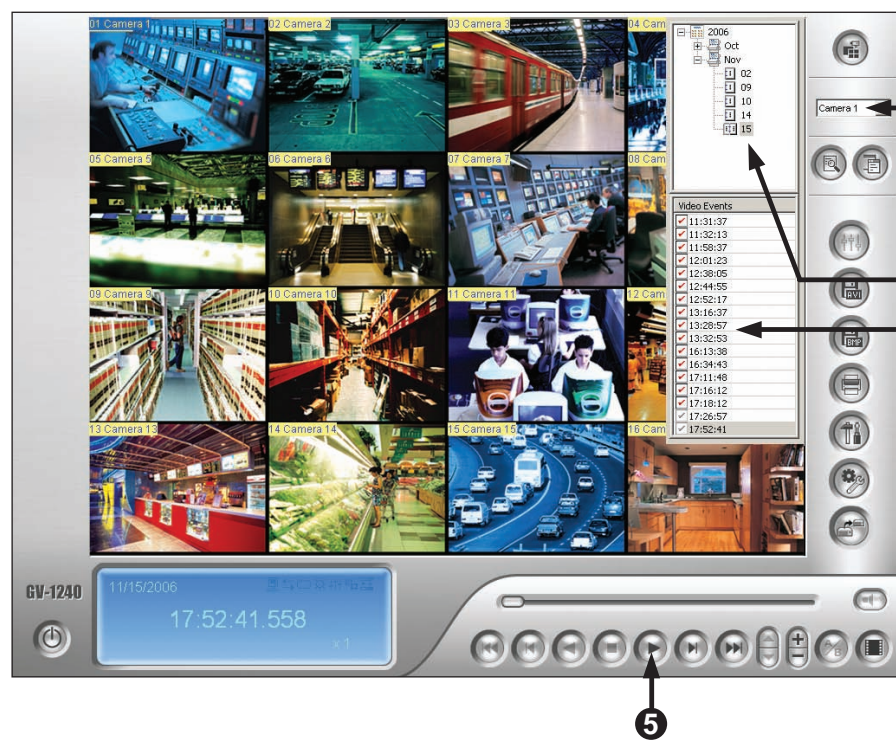
- To add another formatted hard drive for storage, repeat the above steps.

6 Play Back Video

You can play back video recorded during a particular date and time.

- Click on the main screen, and select **Video/Audio Log**.
- Select the camera you wish to view.
- Select a date folder from the date tree.
- Select a time from the Video Events list.
- Click to begin playback.

For details, refer to *Playing Back on ViewLog*, Chapter 4, *User's Manual* on Surveillance System Software CD.



Renaming the Camera

You can give a new name for each camera.

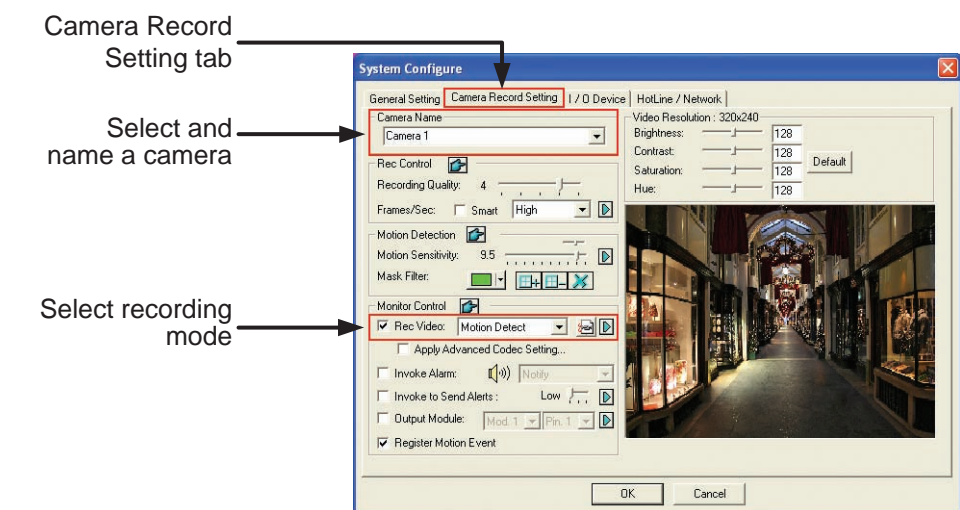
- Click on the main screen, point to **General Setting**, and select **System Configure**.
- Click the **Camera Record Setting** tab.
- In the Camera Name field, enter a new name for the camera.
- Click **OK**.

Choosing Recording Mode

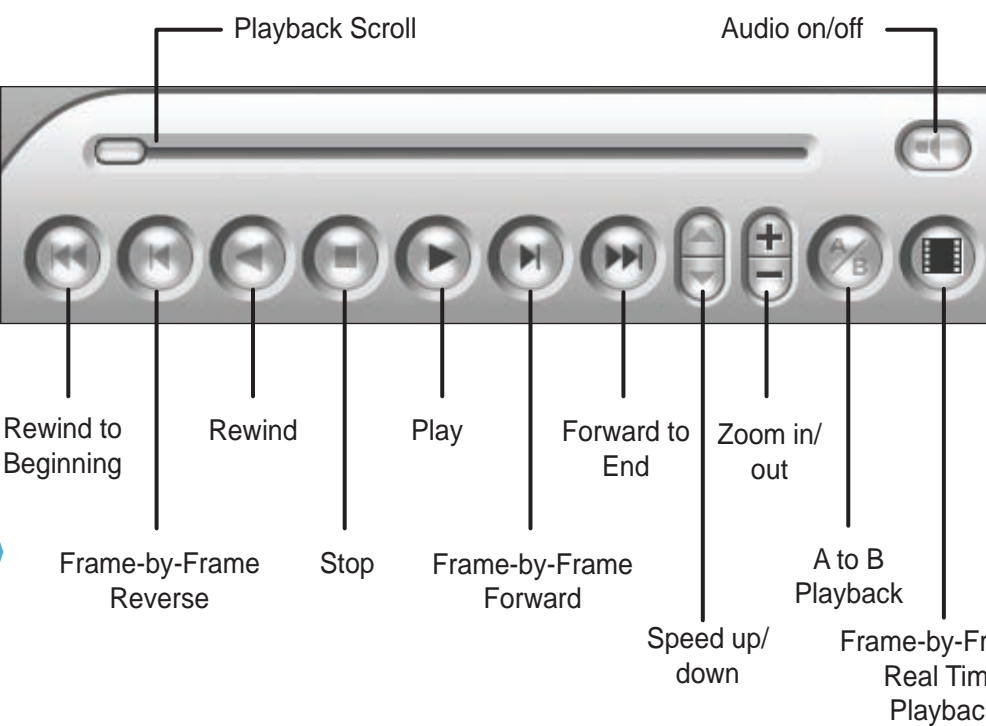
You can set each camera's recording mode individually for Motion Detection or Round-the-Clock.

- Click on the main screen, point to **General Setting**, and select **System Configure**.
- Click the **Camera Record Setting** tab.
- From the Camera Name drop-down list, select one camera.
- In the Monitor Control section, select **Rec Video**, and use the drop-down list to select **Motion Detect** or **Round-the-Clock**.
- Click **OK**.

For details on setting camera properties, refer to *Adjusting Individual Camera*, Chapter 1, *User's Manual* on Surveillance System Software CD.



Playback Controls

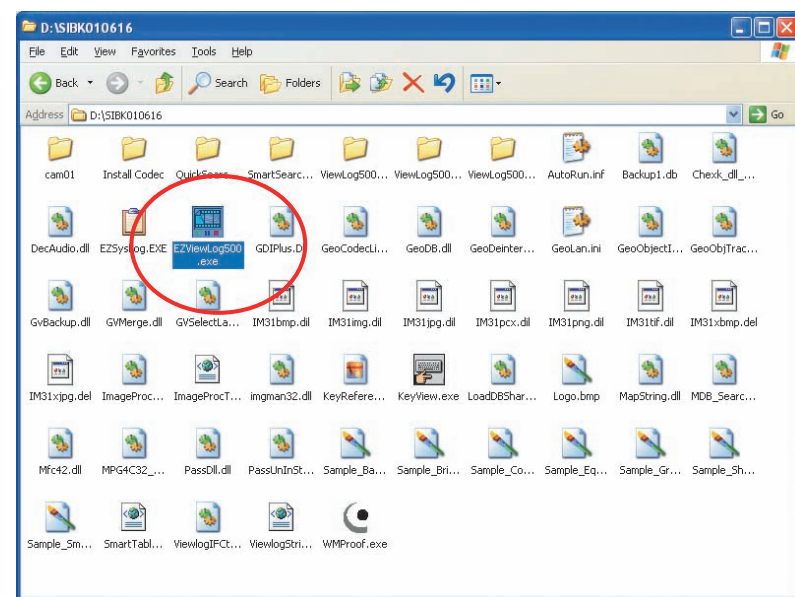


Using the Zoom

- Zoom in:** Click the **Zoom-in** button, and then click on the area you want to magnify. Each click will increase the zoom level.
- Zoom out:** Click the **Zoom-out** button, and then click on the image to zoom out. Each click will decrease the zoom level.

Playing Backup Files

Open the backup folder, run **EZViewLog500.exe**, and then follow the instructions in the *Play Back Video* section.

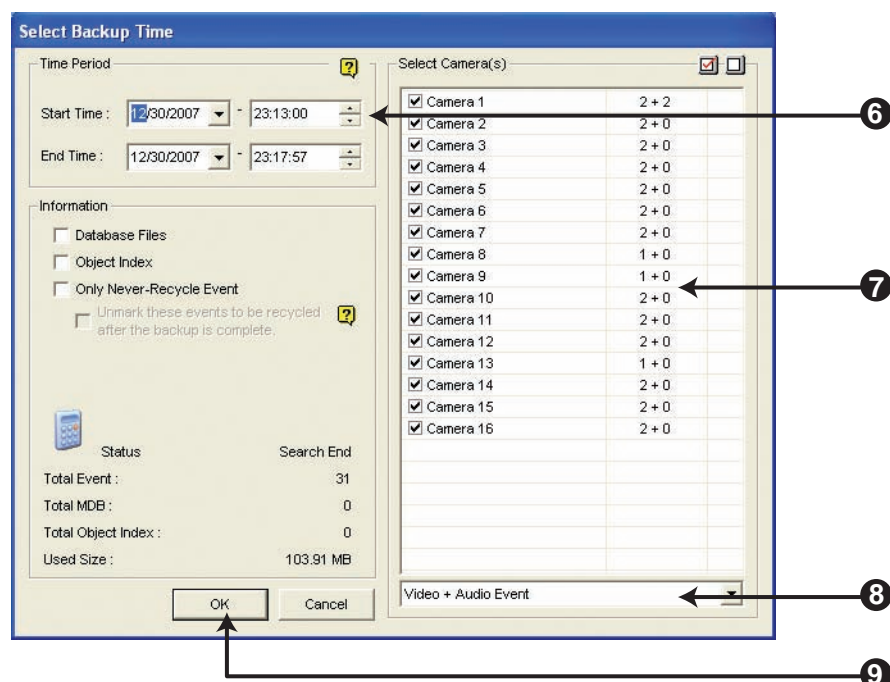
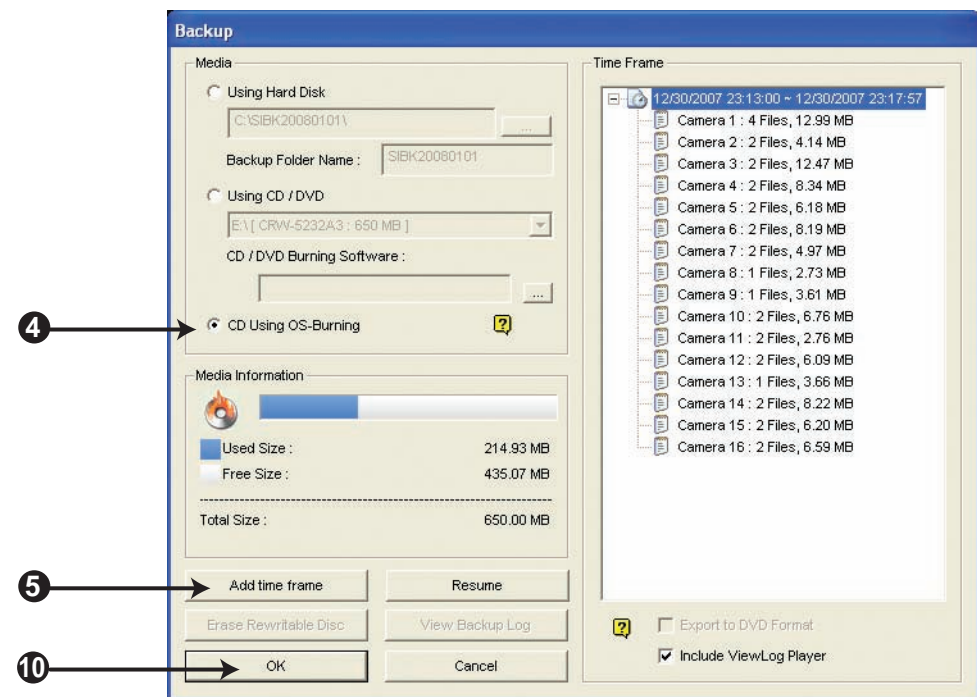


7 Back Up Video Files

You can back up video files of the desired time to CD / DVD.

- Insert the CD / DVD media into the drive.
- Click on the main screen, and select **Video/Audio Log**.
- Click on the functional panel.
- Select **CD Using OS-Burning** to burn files with the inbuilt software of Windows XP.
- Click **Add time frame**.
- Enter the Start Time and End Time for backup.
- Select the desired camera(s) for backup. The number of video and audio files of each camera is indicated respectively, e.g. "Camera 3 39+0" means the camera 3 has 39 video files and 0 audio file.
- Select the types of events for backup, e.g. video, audio or both together.
- Click **OK** to add the time frame. You can repeat steps 5-8 to create up to 10 time frames.
- Click **OK** to start burning.

For details, refer to *Backing Up Video Files*, Chapter 5, *User's Manual* on Surveillance System Software CD.



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